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Notice of Allowability

Application No.

10/003,754

Examiner

Viet Vu

Applicant(s)

LUCOVSKY ET AL.

Art Unit

2154

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment filed 3/18/05.
2. ☒ The allowed claim(s) is/are 1-88.
3. ☒ The drawings filed on 22 October 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying Indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


VIET D. VU
PRIMARY EXAMINER

Viet Vu
Primary Examiner
Art Unit: 2154

[0045] The address locator service 520 may also be located in any network. However, to facilitate availability yet again, the locator service 520 may be implemented on the Internet in the form of a Web site. In this case, the locator service 520 may be accessed via a World Wide Web address or other URI.

✓ [0046] The identity 310, the application 320, and the data services 331 interact such that the data access model of Figure 3 is emulated. More regarding the structure and operation of the architecture illustrated in Figures 3 through 5 is described in commonly-owned, co-pending, United States patent application serial number ^{10/003,750} ~~NOT ASSIGNED~~ ^N ~~ATTORNEY DOCKET NO. 13768.198.1~~], filed on the same date herewith, and entitled "Identity-Centric Data Access", which co-pending application is incorporated herein by reference in its entirety.

[0047] The various components of Figure 5 interact using a messaging data structure that identifies the data object that is to be operated upon by identifying the identity associated with the data object, and by identifying the particular schema associated with the data object. For example, the messaging data structure may identify that the data object of interest is the calendar data object associated with identity A. In the event that there are more than one calendar data objects associated with identity A, then the messaging data structure may also identify the particular instance using a unique identifier assigned to that particular instance. For example, perhaps there is one calendar data object for work-related items, and one for personal items. In this manner, the target data object desired to be operated upon may be uniquely identified.

[0048] Figure 7 schematically illustrates an example data structure of a network message 700 that represent a request for service in accordance with the principles of the present invention. The data structure 700 follows a schema so that the meaning of the data